

FEDERAL REPUBLIC OF GERMANY
GERMAN PATENT OFFICE

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AUSLEGESCHRIFT
[Examined Application]

1 069 063
H 34063 XII/81 c

APPLICATION DATE: 13 AUGUST 1958

ANNOUNCEMENT OF
THE APPLICATION AND
ISSUANCE OF THE
AUSLEGESCHRIFT: 12 NOVEMBER 1959

Box for smoking articles that can be divided at the middle

Applicant:
Hauni-Weke Körber & Co. K.-G.,
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Arthur Ritscher, Hamburg-Bergedorf,
has been named as inventor

For convenient removal of smoking articles, especially cigarettes, from their boxes, there are known boxes with two-piece interlocking lids, wherein the two lid parts have matching shapes and at their junctions with the associated walls of the box body can be flipped apart in opposite directions. Thereby the ends of the cigarettes are uncovered on all sides and thus are conveniently accessible.

The invention relates to such boxes for packing cigarettes that can be divided at the middle, thus making it possible to smoke cigarettes in two halves. In order to divide the cigarettes in the aforesaid boxes with two-piece interlocking lids, the cigarettes must be pulled

out or removed. After the upper cigarette half has been split off, the lower cigarette half remaining in the box slides back down, and so must be shaken out again if it is to be removed.

In order to eliminate this disadvantage, the invention provides that one or both hinges of the lid parts is or are disposed in the plane of the middle dividing point of the smoking articles or below it in the direction of the box body.

For the upper cigarette halves to be split off from the cigarettes remaining in the box body, one or both hinges when flipped open forms or form desired edges, at which the upper cigarette halves can be conveniently bent over.

If only one of the two hinges is disposed as a bending edge for the upper cigarette halves in their dividing plane, it is expedient to dispose the other joint further down in the direction of the lower cigarette halves remaining in the box body, so that these can also be removed effortlessly from the body without shaking them out and thereby having to tolerate production of tobacco shreds.

A practical example of a box according to the invention is illustrated in perspective in the drawing.

The box is composed of box body 1 and the two lid parts 2 and 3, which comprise the interlocking lid and fit into one another when the box is closed. For clarity of illustration, only the cigarettes 4 disposed in the box are shown, and the wrapping – usually made of tinfoil or similar material – for cigarettes 4 is omitted.

Each of these cigarettes 4 is composed of two short filter cigarettes 4a and 4b, which are joined by their connecting paper 4c to form a cigarette that is treated as one unit for tax purposes. Hinge 5 for lid part 2 is located at the height of the grooved dividing points *T* of the cigarettes, whereas hinge 6 for lid part 3 is located below dividing points *T* of the cigarettes. To remove upper cigarette halves 4a, these are bent over and split off in the region of dividing point *T* via the edge of hinge 5 after lid half 2 has been opened. After upper cigarette halves 4a have been removed and lid part 3 has been opened, lower cigarette halves 4b are easily accessible by virtue of hinge 6, which is located further down, and so they can also be removed without difficulty from the box body. A notch 7 in the upper frame 8 of lid part 3, which overlaps lid part 2, makes it easy to open the said lid part 3 and also to grasp lid part 2 in order to open it, without having to open lid part 3 beforehand.

It is naturally also conceivable that the box can be constructed to accommodate cigarettes that are divided in off-centered position, in which case the hinges of the flip-top lids are to be offset to a corresponding extent. The purpose of the invention would in no way be restricted thereby.

CLAIM:

A box with two-piece interlocking lid for smoking articles that can be divided at the middle, wherein the two lid parts can be flipped apart in opposite directions at their junctions with the box body, characterized in that one or both hinges (5, 6) of the lid parts (2, 3) is or are disposed in the plane of the middle dividing points (*T*) of the smoking articles (4) or below it in the direction of the box body (1).

Publications taken into consideration:

German Patent Nos. 574797, 569284; British Patent No. 460157

Attached hereto: 1 sheet of drawings

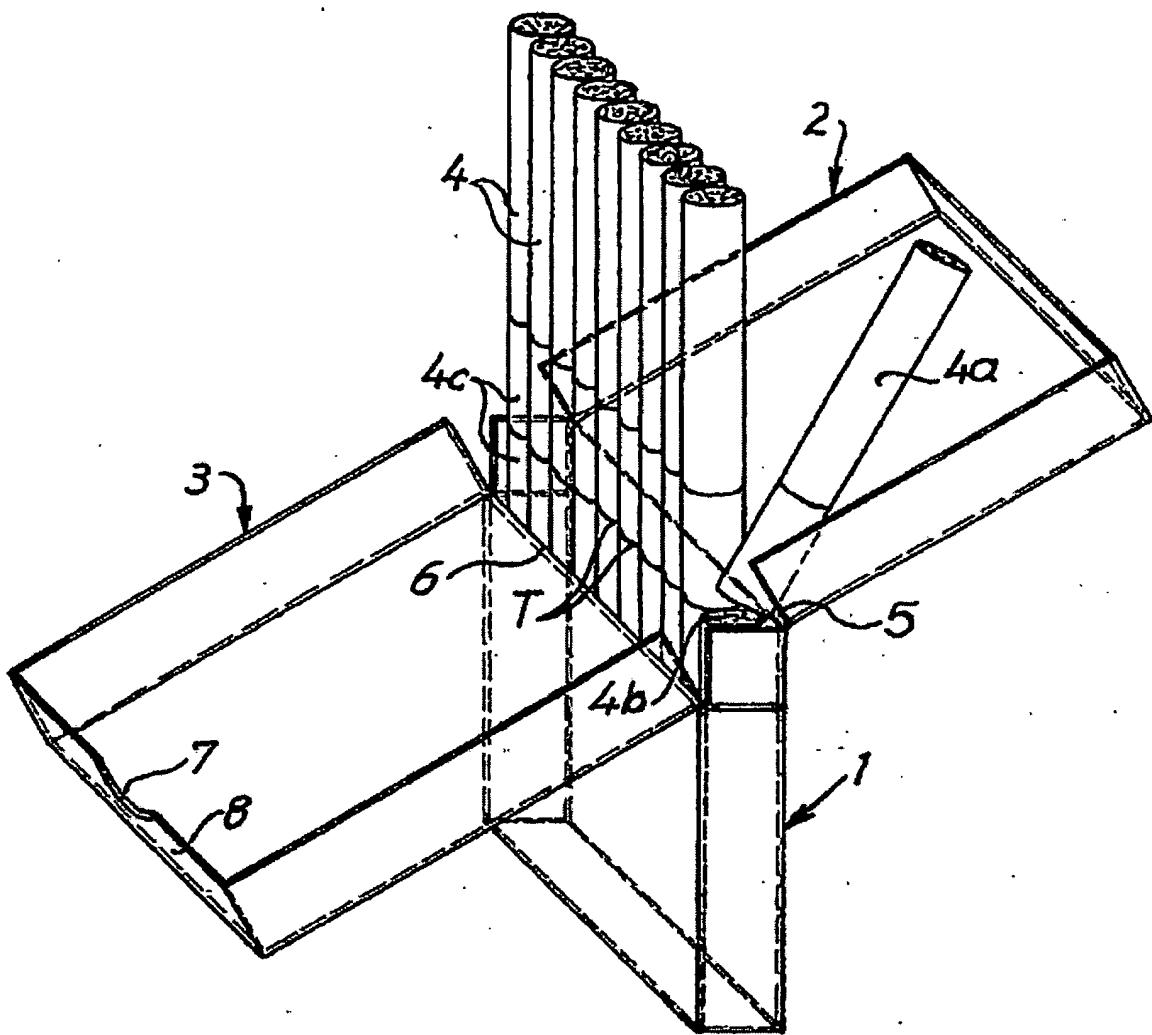
DRAWINGS SHEET 1

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BEKANNTMACHUNG

DER ANMELDUNG

UND AUSGABE DER

AUSLEGESCHRIFT: 12. NOVEMBER 1959

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Zum bequemen Herausnehmen von Rauchartikeln, insbesondere Zigaretten aus ihren Schachteln, sind Schachteln mit zweiteiligem Deckelverschluß bekannt, deren beide Deckelteile formgleich angepaßt und an ihren Übergangsstellen in die zugehörigen Wandungen des Schachtelrumpfes in entgegengesetzter Richtung auseinanderklappbar sind. Die Enden der Zigaretten sind dadurch allseitig freigelegt und damit bequem zugänglich.

Die Erfahrung bedient sich solcher Schachteln zum Verpacken von Zigaretten, die mittig trennbar sind, um auf diese Weise Zigaretten in zwei Hälften rauhen zu können. Die erwähnten Schachteln mit zweiteiligem Deckelverschluß erfordern zum Trennen der Zigaretten das Herausziehen bzw. Herausnehmen derselben, wobei nach erfolgtem Abtrennen der oberen Zigarettenhälfte die in der Schachtel verbleibende untere Zigarettenhälfte wieder nach unten gleitet und zwecks Herausnehmens wieder herausgeschüttelt werden muß.

Um diese Nachteile zu beseitigen, sieht die Erfindung vor, daß eines oder beide Scharniere der Deckelteile in der Ebene der mittigen Trennstellen der Rauchartikel oder in Richtung des Schachtelrumpfes darunter angeordnet sind.

Für die oberen von den im Schachtelrumpf verbleibenden Zigaretten abzutrennenden Zigarettenhälften bilden das eine oder beide Scharniere im aufgeklappten Zustand erwünschte Kanten, an denen sich die oberen Zigarettenhälften in bequemer Weise abknicken lassen.

Wird nur eines der beiden Scharniere als Knickkante für die oberen Zigarettenhälften in deren Trennstellebene angeordnet, so ist es zweckmäßig, das andere Gelenk in Richtung der im Schachtelrumpf befindlichen unteren Zigarettenhälften tiefer zu legen, um auch diese dem Rumpf mühelos entnehmen zu können, ohne sie herausschütteln und dadurch Kurztabakanfall in Kauf nehmen zu müssen.

In der Zeichnung ist ein Ausführungsbeispiel einer Schachtel gemäß der Erfindung in perspektivischer Ansicht dargestellt.

Die Schachtel besteht aus dem Schachtelrumpf 1 und den beiden, den Deckelverschluß bildenden Deckelteilen 2 und 3, die im geschlossenen Zustand der Schachtel ineinander greifen. Der deutlichen Darstellung halber sind nur die in der Schachtel angeordneten Zigaretten 4 gezeigt, und die Umhüllung für die Zigaretten 4, die zumeist aus Stanniol od. dgl. besteht, ist weggelassen.

Jede dieser Zigaretten 4 besteht aus zwei kurzen Filterzigaretten 4a und 4b, die durch ihr Verbindungsblättchen 4c zu einer steuerlich als eine Einheit geltenden Zigarette verbunden sind. Das Scharnier 5

Schachtel für mittig trennbare
Rauchartikel

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ist als Erfinder genannt worden

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für den Deckelteil 2 liegt in Höhe der gerillten Trennstellen T der Zigaretten, während das Scharnier 6 für den Deckelteil 3 unterhalb der Trennstellen T der Zigaretten liegt. Zur Entnahme der oberen Zigarettenhälften 4a werden diese nach Öffnen der Deckelhälfte 2 über die Kante des Scharniers 5 im Bereich der Trennstelle T umgeknickt und abgetrennt. Die unteren Zigarettenhälften 4b sind nach Entnahme der oberen Zigarettenhälften 4a und Öffnen des Deckelteiles 3 dank des tiefer liegenden Scharniers 6 leicht zugänglich und können daher auch ohne Schwierigkeiten dem Schachtelrumpf entnommen werden. Eine Ausnahme 7 in der oberen Zarge 8 des über den Deckelteil 2 übergreifenden Deckelteiles 3 gestattet sowohl ein leichtes Öffnen des letzteren als auch ein Angreifen an den Deckelteil 2 zum Öffnen desselben, ohne daß der Deckelteil 3 vorher geöffnet zu werden braucht.

Es ist natürlich auch denkbar, die Schachtel derart auszubilden, daß sie auch der Aufnahme von Zigaretten dienen kann, die außerhalb der Mitte geteilt werden, wobei dann die Scharniere der Klappdeckel in entsprechender Weise zu versetzen sind. Der Sinn der Erfindung würde dadurch keinerlei Einschränkung erfahren.

PATENTANSPRUCH:

Schachtel für mittig trennbare Rauchartikel mit zweiteiligem Deckelverschluß, dessen beide

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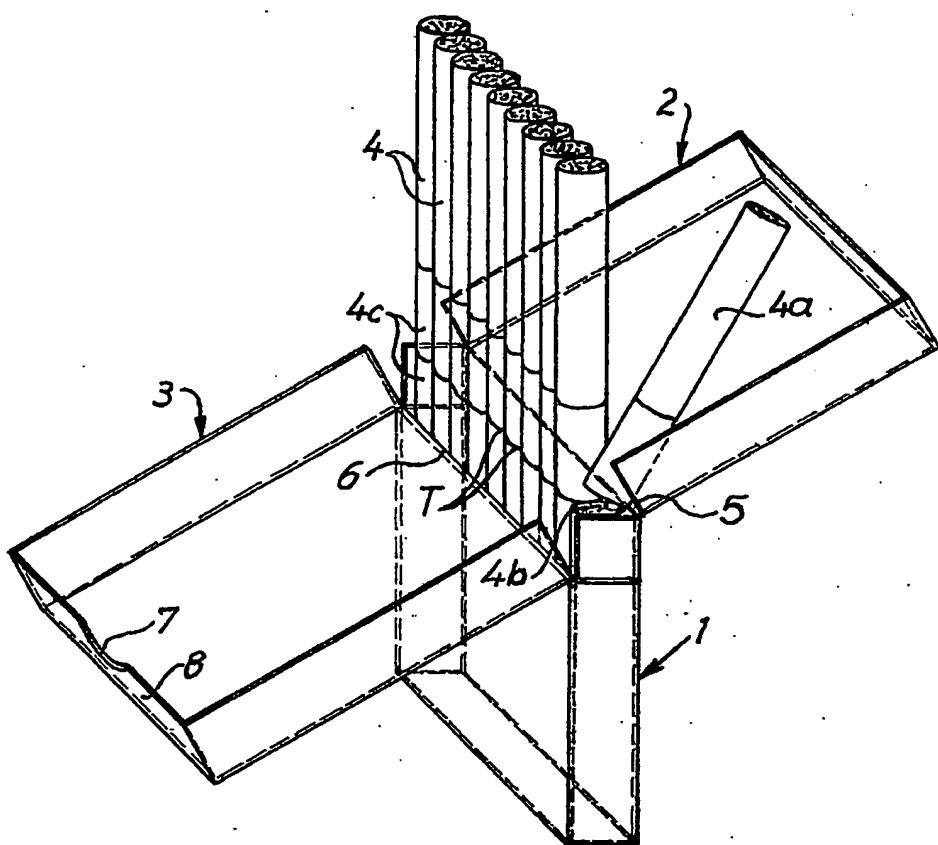
Deckelteile an ihren Übergangsstellen in den Schachtelrumpf in entgegengesetzter Richtung auseinanderklappbar sind, dadurch gekennzeichnet, daß eines oder beide Scharniere (5, 6) der Deckelteile (2, 3) in der Ebene der mittigen Trennstellen (7) der Rauchartikel (4) oder in

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Richtung zum Schachtelrumpf (1) hin darunterliegen.

In Betracht gezogene Druckschriften:
Deutsche Patentschriften Nr. 574 797, 569 284;
britische Patentschrift Nr. 460 157.

Hierzu 1 Blatt Zeichnungen



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